

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application Number	:	10/578,493	Confirmation No.:	7885
Applicant	:	Laurent DESIRE		
International Filing Date	:	November 5, 2004		
Title	:	BACE455, AN ALTERNATIVE SPLICE VARIANT OF THE HUMAN BETA-SECRETASE		
TC/Art Unit	:	1649		
Examiner:	:	Olga CHERNYSHEV		
Docket No.	:	67987.000002		
Customer No.	:	21967		

**Mail Stop Box Sequence**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Second Substitute Sequence Listing and Statements Under 37 C.F.R. §§ 1.821 and 1.825**

Sir:

In accordance with the provisions of 37 C.F.R. §§ 1.821-1.825, Applicant submits herewith a second substitute "Sequence Listing," including a paper copy totaling twelve (12) pages and a computer readable copy as a "txt" file in ASCII format as required by 37 C.F.R. §§ 1.821(e) and 1.825(a).

SEQ ID NOs: 35 and 36 are added. Support for these sequences may be found in the specification as originally filed. *See, e.g.*, page 26, lines 12-24 and Figure 1. No new matter is added.

In accordance with the provisions of 37 C.F.R. § 1.821(a), the undersigned hereby states that the amendment to the paper copy of the "Sequence Listing" is accompanied by a substitute copy of the computer readable form including all previously submitted data with the amendment incorporated therein.

In accordance with the provisions of 37 C.F.R. §§ 1.825(a) and 1.825(b), the undersigned hereby states that the content of the computer readable copy of the substitute "Sequence Listing" and the paper copy of the substitute "Sequence Listing" submitted herewith do not constitute new matter.

In accordance with the provisions of 37 C.F.R. § 1.821(f), the undersigned hereby states that the content of the computer readable CD-ROM copy of the substitute "Sequence Listing" and the paper copy of the substitute "Sequence Listing" submitted herewith are identical.

**Applicant respectfully requests entry of the substitute “Sequence Listing” submitted  
herein.**

**CONCLUSION**

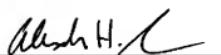
It is believed that no additional fees are required with this submission. However, in the event that any fees are deemed necessary to enter this substitute sequence listing, or to maintain this application pending, the USPTO is authorized to charge any such fees to the undersigned's **Deposit Account No. 50-0206.**

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: September 29, 2008

By:



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